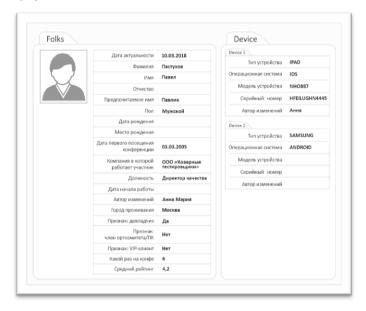**Folks** - an open source project based on a real system (https://www.youtube.com/watch?v=xQpcggMv7d0 in Russian).

Folks will find a person by the following criteria: full name, preferred name, date of birth (dd.mm.yyyy), company, device model, its OS, author of the changes. Specify them in a free format and press Enter. The search is carried out only **by full match**. The search is case insensitive. With an empty input, the search will return the full list of the database. When entering multiple words separated by spaces, a simple search will only return rows containing all of these words, whether they are all within the same field or in different fields. **However**, when searching, the system treats a space within a field as a delimiter. That is, if one field contains the value "IP Ivanov", the search will return this counterparty both when searching by **IP** and when searching for **Ivanov**.

SIMPLE SEARCH

Test name	Description	Result
test_02_s_search_string	Search bar "Петр" Counterparts in the data base: 1. Name=Петр 2. Company=ИП Петр Петров 3. Preferred name= Петр 4. Name = Пётр (ё) 5. Name=TextПетр 6. Company= ПетрText 7. Name=ПеТр (Регистронезависимость) 8. Surname= Петр 9. Patronymic= Петр	Request brought back lines: • 1 • 2 • 3 • 7 • 8 • 9 • 10 • 15 • 17

	10. Author=Петр 11. Position= Главный по ПЕТР 12. BirthPlace= Петр 13. City= Петр 14. SerialNumber= Петр 15. Model= Петр 16. Language= Петр 17. Company= Петр	
test_03_s_search_space	Search bar - space Counterparts in the data base: 1. actualityDate =17.07.1990 (data, simple search does not find it) 2. preferredName = Маша (string, simple search finds it) 3. Position = Директор (string, simple search does not find it) 4. birthDate=17.07.1990 (data, simple search finds it) 5. DeviceOS=IOS (simple search finds it) 6. DeviceType= IPAD (simple search does not find it)	Request brought back lines: Full list of database
Test_04_s_used_columns_data	Search bar: 12.12.2005 Counterparts in the data base: 1. birthDate = 12.12.2005 2. actualityDate = 12.12.2005 3. firstConfDate=12.12.2005 4. jobStartDate=12.12.2005	Request brought back lines: ● 1
Test_05_s_used_columns_words	Search bar: Ленинградское Counterparts in the data base: 1. Company = ИП Ленинградское 2. City= д. Ленинградское 3. preferredName= Ленинградское 4. Author = Ленинградское	Request brought back lines: ● 1 ● 3 ● 4
Test_06_s_used_columns_OS	Search bar: IOS Counterparts in the data base: 1. Serialnumber = IOS 565769 2. OS = IOS	Request brought back lines: ● 2
Test_07_s_two_words_space	Search bar : Пастухов Павел Counterparts in the data base: 1. Name= Андрей, surname= Пастухов, preferredName= Павел 2. Name = Павел Пастухов 3. Company = ИП Пастухов	Request brought back lines: ● 1 ● 2

Advanced search is the option to search for counterparties, not limited to the standard framework, build flexible reports and create various combinations of conditions.

ADVANCED SEARCH

Test name	Description	Result
Test_se_01_ext_search_AND_by_one_field	There are counterparts in the data base with DOB 11.12.2000 and name Masha ? Folk. birthDate =11.12.2000 AND Folk. name= Masha Counterparts in the data base: 1. birthDate = 11.12.2000, name = Masha 2. birthDate =10.12.2000, name = Sasha 3. birthDate = 11.12.2000, preferredName = Masha, name=Maria 4. birthDate=11.12.2000, name = Masha Honey 5. birthDate=11.12.2001, name = Masha Honey 6. birthDate=11.12.2000, name = TextMasha (partual) 7. birthDate=11.12.2000, name = MashaText (partual)	Request brought back lines: • 1 • 4
test_se_02_ext_search_AND_by_name_surname	There is a counterpart in the data base Alex Smith ? Folk.surname = Smith AND Folk.name= Alex Counterparts in the data base: 1. Name= Alex, surname = White 2. Name= Bill, surname= Alex 3. Name = Chris, surname= Cringle 4. Name=Alex, surname= Smith 5. Name=Alex, surname =Chris 6. Name= Alex Manuel, surname = Smith 7. Name =Alex-Teddy, surname= Smith, pref.name= Alex Smith	Request brought back lines: • 4
Test_se_03_ext_search_OR_by_dates	There are counterparts in the data base with DOB 17.05.05 & 18.09.20 ? Folk. birthDate = 17.05.05 OR Folk. birthDate = 18.09.2020 Counterparts in the data base: 1. birthDate =17.05.2005 2. birthDate =18.09.2020 3. birthDate =18.05.2005 (boundary value) 4. birthDate =16.05.2005 (boundary value) 5. birthDate =19.09.2020 (boundary value) 6. birthDate =17.09.2020 (boundary value) 7. birthDate = _._._ (empty date)	Request brought back lines: • 1 • 2
Test_se_04_ext_search_few	There is Maria as a counterpart in the data base with DOB 17.05.05 who works for Samsung ? Folk.name= Maria AND Folk.Company=Samsung AND Folk.birthDate = 19.05.2000 Counterparts in the data base: 1. Name= Maria, birthDate 10.01.2020, company = Samsung 2. Name= Maria, birthDate 19.05.2000, company = Samsung 3. Name= Maria Antoinette, birthDate 19.05.2000, company = Samsung 4. Name= Anna Christina, birthDate 19.05.2000, company = Samsung 5. Name= Marshall , birthDate 19.05._, company = Samsung	Request brought back lines: • 2 • 3

Test_se_05_ext_search_operators_size	There is a counterpart in the data base with DOB 11.12.2000 and name Anna ? Folk. birthDate =11.12.2000 and Folk. name= Anna Counterparts in the data base: 1. birthDate = 11.12.2000, name = Anna 2. birthDate =10.12.2000, name = Bill 3. birthDate = 11.12.2000, preferredName =Anna	Request brought back lines: • 1
Test_se_06_ext_search_AND_OR_by_date_surname_name	There are counterparts in the data base with DOB 19.05.2000 called Maria Blue and Maria Blue whose DOB is 15.12.2001. ? Folk.name= Maria AND Folk.surname=Blue OR Folk. birthDate = 19.05.2000 Counterparts in the data base: 1. Name= Maria, birthDate = 10.01.2020 2. Name =Maria, birthDate = 19.05.2001 3. Name= Maria, birthDate =19.05.2000 4. Surname= Blue, birthDate = 01.01.2000 5. birthDate = 19.05.2000, name= _ 6. birthDate =19.05.2000, name= Vfhbz (different keyboard) 7. Name= Maria, surname= Blue, birthDate = _._.2000	Request brought back lines: • 2 • 7 • 3